

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>						Work Assignment Number 2-03				
						<input type="checkbox"/> Other <input type="checkbox"/> Amendment Number:				
Contract Number EP-C-10-060			Contract Period   11/30/2010   To   07/31/2013 Base                      Option Period Number    2			Title of Work Assignment/SF Site Name Water Sect Emergency Response				
Contractor COMPUTER SCIENCES CORPORATION					Specify Section and paragraph of Contract SOW 2.1, 2.2, 2.3					
Purpose: <input checked="" type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval						Period of Performance  From   08/01/2012   To   07/31/2013				
Comments: This action establishes work assignment 2-03 in Option Period 2, and requests a workplan, staffing plan, and budget for supporting the attached PWS. The Agency estimates 8115 direct labor hours will be necessary for the requirement.										
<input type="checkbox"/> Superfund                      Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period:		Cost/Fee:				LOE: 0				
11/30/2010 To 07/31/2013										
This Action:						8,115				
Total:						8,115				
Work Plan / Cost Estimate Approvals										
Contractor WP Dated:				Cost/Fee:			LOE:			
Cumulative Approved:				Cost/Fee:			LOE:			
Work Assignment Manager Name   Richard Weisman  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number   202-564-2822 FAX Number:			
Project Officer Name   Nancy Muzzy  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number: 513-569-7864 FAX Number:			
Other Agency Official Name  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number: FAX Number:			
Contracting Official Name   Cathy Basu  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number: 513-487-2042 FAX Number:			

**WORK ASSIGNMENT  
PERFORMANCE WORK STATEMENT**

**Contract No. EP-C-10-060**

**Work Assignment: 2-03**

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**Security Assistance Branch**

**Water Security Division/Office of Water**

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**Task 1 (Federal and State Coordination): Kevin Tingley**

**Task 2 (Mutual Aid): John Whitley (Phone: 202-564-1929)**

**Task 3 (Training): Nushat Thomas (Phone: 202-564-4674)**

**Task 4 (Recovery): David Goldbloom-Helzner (Phone: 202-564-2106)**

**Task 5 (CIPAC): Rich Weisman**

**LOE: 8115 hours**

**Period of Performance: August 1, 2012 to July 31, 2013**

**Title: Water Sector Emergency Preparedness and Response Activities**

**PWS Sections: 2.1, 2.2, 2.3**

**I. PURPOSE:**

The purpose of this work assignment is to augment the Environmental Protection Agency's efforts to protect the nation's water infrastructure. The nation's water infrastructure is subject to threats from various entities, as well as natural disasters, and preparedness information, training, and insight will provide support toward improved response to threats and incidents. Under this



work assignment, the contractor shall provide support to the Office of Water, Water Security Division (OW/WSD) (and other identified EPA offices or partners that come within the scope of this work statement) in its effort to: enhance and promote national emergency preparedness, disaster response, and mutual aid and assistance for public and private water and wastewater utilities, states and federal partners on a national level; and develop national response exercises and activities related to these and other infrastructure threats and incidents.

The contractor shall research, develop, maintain, edit, and disseminate technical information, guidelines, drills, field exercises, web tools, and procedures to aid in emergency preparedness and response; and shall track and coordinate efforts, drills, exercises and threats related to water security. The contractor may also be tasked with related efforts, including facilitating and coordinating water utility response networks to support and promote national emergency preparedness. Other requirements related to infrastructure analysis, strategic planning, tracking and measuring progress, mission priorities, communications, and emergency options for energy, communications, or transportation sectors may become necessary, subject to developing events.

Examples of other partners and external offices or agencies which may be included in coordination, and the nature of their involvement, are:

- Drinking water and wastewater associations and stakeholders: provide feedback on the needs of utilities and review information provided for dissemination,
- State and local governments/associations: provide feedback on the activities for state and local agencies including primacy agencies,
- Department of Homeland Security: the organizers and lead agency for the development of national exercises,
- EPA National Homeland Security Research Center: close partners of the Water Security Division in support of water security research,
- National Emergency Management Agency: administers the Emergency Management Assistance Compact (EMAC),
- Regional offices of the EPA.

This work assignment supports the mission of the Water Security Division (WSD) as described in the Water Security Strategy framework, which relates resources, activities, outputs, audience, short- and long- term outcomes to the WSD pillars of Prevention, Detection, Response, and Recovery. Additionally, this work assignment contributes to the commitments made in EPA's *Strategic Plan: 2011 to 2015* and EPA's *Homeland Security Strategy (2004)*. Under EPA's *Strategic Plan*, reference is made to Goal 2 (Clean and Safe Water), Objective 2.1 (Protecting Human Health), Sub-objective 2.1.1 (Water Safe to Drink), and to the Cross-Goal on homeland security. Under EPA's *Homeland Security Strategy*, reference is made to Objective 1 (Critical Infrastructure Protection).

In support of these requirements, this contract supports the nation's drinking and wastewater infrastructure, collectively known as the Water Sector, in being informed, coordinated, and prepared to prevent, detect, respond to, and recover from terrorist attack and other intentional acts, natural disasters, and other hazards (referred to as the "all hazards" approach). This

includes the needs and challenges posed by natural disasters, catastrophic events, adaptation and impacts of climate change, floods, earthquakes, pandemic illness, and any other events which impact the safety and availability of our water supply.

In pursuit of these efforts, the contractor may be tasked with preparing a correlation summary comparing the results under this work assignment to the components of the Water Security Strategy framework.

## **II. BACKGROUND:**

Title IV of the Public Health Security and Bioterrorism Response Act of 2002 (Bioterrorism Act) amends the Safe Drinking Water Act (SDWA) and authorizes EPA to undertake several activities to increase the security and readiness of the Nation's drinking water supplies against terrorist attacks. One key objective for EPA set out by the Act is to review methods and means by which terrorists could disrupt the supply of safe drinking water or take actions against water infrastructure.

EPA has been designated as the sector specific agency for the water sector by Homeland Security Presidential Directive 7. As part of EPA's efforts as the sector specific agency, support is provided to the water sector for threat identification and national response efforts and exercises. The Agency is involved in a number of exercises each year, some of which are very large in scale.

The *National Strategy for Homeland Security* (White House, July 2002) has also designated EPA as the lead agency for the nation's water infrastructure sector. EPA's *Homeland Security Strategy* (2004) documents the Agency's efforts to provide support to drinking water and wastewater utilities. It includes placing "an emphasis on preparedness and prevention, assisting those responsible for these critical infrastructures in assessing and reducing vulnerabilities and maximizing their response capabilities. EPA will develop technologies to improve the nation's critical infrastructure and key responders' abilities to detect and monitor environmental threats." The tasks included in this work assignment support EPA's efforts to enhance the preparedness, response, and recovery of the water sector critical infrastructure in the event of an incident of national significance or other natural or man-made incident.

The work that will be conducted under this work assignment is a continuation of work conducted in previous years. To date, a number of accomplishments have been achieved, including: support for ESF #3; support with exercises; support in promoting the establishment and operation of mutual aid and assistance agreements (such as Water and Wastewater Agency Response Networks (WARN)) through coordination with water sector partners; presentations at workshops, development of fact sheets, support for websites; support for a new website tool and related resources concerning federal funding for recovery and mitigation; and support in reviewing National Incident Management System (NIMS) and the National Response Framework. As requested, support materials from this work will be provided by the EPA WAM to the Contractor.

In addition, for one or more tasks in this WA, the contractor may be tasked with providing support needed to integrate ER projects/activities into a broader WSD-wide mega-tool. At this time, the mega-tool is still at a conceptual level and the specific activities required for integration cannot be identified. Further, the contractor may be tasked with providing support for examining outcomes and metrics related to specific project areas.

### **III. QA REQUIREMENTS:**

The tasks in this work assignment do not require environmental measurements. Consistent with the Agency's quality assurance (QA) requirements, the contractor does not need to supplement the approved Quality Management Plan (QMP) of the contract or prepare a Project-Specific Quality Assurance Project Plan (PQAPP).

### **IV. DETAILED TASK DESCRIPTION:**

All direction under this work assignment will be provided as written technical direction from the Task Manager or Work Assignment Manager, as appropriate. If provided first as verbal technical direction to the contractor, it will be confirmed in writing within 5 calendar days, with a copy to the Project Officer and the Contracting Officer, and is subject to the limitations of the technical direction contract clause. Each initial deliverable shall be provided to the EPA Work Assignment Manager (WAM) and EPA Project Officer (PO) in draft form for review and comment. The contractor shall incorporate WAM/Task Manager review comments into revisions of the drafts. All drafts and final reports shall be approved by the WAM.

The contractor shall perform the following tasks:

#### **Task 0: Work Plan, Progress Evaluations, and Monthly Progress Reports**

The contractor shall develop a work plan that describes how each task will be carried out. The work plan shall include a schedule, staffing plan, level of effort (LOE), and cost estimate for each task, the contractor's key assumptions on which staffing plan and budget are based, and qualifications of proposed staff. If a subcontractor(s) is proposed and subcontractors are outside the metropolitan DC area, the contractor shall include information on plans to manage work and contract costs. In addition, the work plan shall specify that a project specific PQAPP supplement to the QMP is not required. This task also includes monthly progress and financial reports. Monthly financial reports must include a table with the invoice LOE and cost amount broken out by the tasks in this WA. The work plan shall also provide an analysis of the existing and projected constraints, and the feasibility of accomplishing the project's purpose.

**In addition, in each monthly progress report, the contractor shall, at the introduction to the discussion of this work assignment, discuss actual progress toward achieving the purpose of this work assignment, including problems encountered, issues that may need to be resolved, and anticipated timing for completing the goals of the work assignment. The contractor shall provide an overview of contract projects, striving to implement efficiencies in performance when complimentary requirements are issued. The contractor shall assure**

**that duplication of effort relative to other ongoing work assignments under this contract is not occurring.**

Deliverables: Work plan and monthly progress and financial reports.

## **Task 1        Federal and State Coordination**

### *Subtask 1a Emergency Support Functions (ESF) Support*

The contractor shall develop, based on technical direction, a number of documents supporting the implementation of EPA ESF #3 support, building upon documents already developed (for example, the Office of Emergency Management's Field Coordination Procedures document, EPA ESF#3 Prescribed Mission Assignments (PSMA), and the United States Army Corps of Engineers (USACE)/EPA Subtasking Procedures document and annexes, and the EPA/USACE/FEMA Memorandum of Understanding for Water Infrastructure).

One of the most significant documents developed during the previous period of performance is the EPA/USACE/FEMA Water Infrastructure MOU. The contractor will support outreach efforts associated with this MOU, which could include development of a fact sheet, meetings/conference calls, and in-person training sessions.

At a minimum, the contractor shall be prepared to provide the following support:

1. Supporting development of an MOU fact sheet
2. Supporting meetings/conference calls with federal stakeholders and other Water Sector partners on the MOU and areas related to implementation (e.g., Standard Operating Procedures [SOPs])
3. Supporting development of one ESF #3 training session for USACE
4. Supporting review of any USACE-generated Water Infrastructure SOP

The contractor may be tasked, through technical direction, with providing support for examining the following potential outcomes and metrics related to this project area:

- Completion of the MOU
- Number of stakeholders trained on the MOU
- Number of FEMA Regions and USACE Districts contacted about the MOU
- Number of participants in an ESF #3 training session
- Real world water sector responses that involved ESF support
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- For estimating purposes: Fact sheet would be approximately two pages in length. Contractor should estimate providing notes on up to two conference calls with federal stakeholders. Development of training session would involve development of a powerpoint presentation of approximately 30 minutes and delivery of the presentation. Estimate review of an SOP document 20 pages long.

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- The contractor should plan for one trip of approximately two days to an event such as the USACE/FEMA Remedial Action Planning (RAP) conference, usually held in Florida in January.

### *Subtask 1b Water Teams*

The 10 EPA Regions have developed teams of volunteers prepared to deploy when needed to support the needs of a state affected by a major disaster, under ESF #3 or another authority. To date, activities have included identification of volunteer rosters, identification of training needs, determination of health and safety requirements for field deployments, and initial communications with other emergency response stakeholders.

During this period of performance, the contractor shall support continued development of regional water teams by providing, as directed, the following types of support:

1. Support of quarterly Water Teams Conference calls, including agenda development, note taking, and tracking of action items
2. Two Water Team web casts on topics to be determined
3. Updated summary of water team capabilities, roles, responsibilities, and authorities

In addition, the contractor may be tasked, through technical direction, with providing support to establish and implement a centralized team or teams of highly trained regional Water Sector experts, whose goal is to enhance regional response capabilities.

The contractor may be tasked, through technical direction, with providing support for examining the following potential outcomes and metrics related to this project area:

- Number of Water Teams conference calls held on a yearly basis
- Number of activities performed to support the Water Teams, such as development of updated capability summary
- Number of participants in Water Teams web casts
- Real world water sector responses that involved Water Team support
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- For estimating purposes: Web cast presentations will be between 20-30 slides in length – contractors will not be responsible for presenting. Summary of water team capabilities will be 3-5 pages. No travel is anticipated for these tasks.

### *Subtask 1c State Support*

#### State Emergency Response Exercises for the Water Sector

The contractor shall support the continued development of two tabletop exercises that will test

the ability of water sector emergency response stakeholders to provide coordinated response to a major disaster affecting the water sector. Similar exercises in this series were held in Tennessee in 2009, in California, Missouri, and Arkansas in 2010, and in Kentucky, Connecticut, Utah and South Carolina in 2011. For the purposes of the cost estimate, the contractor should assume that these exercises will take place in November and December, 2012, in Delaware and Louisiana, respectively. Planning has already begun under the first option period, and will continue during Option Period 2. This effort shall be conducted in coordination with other WSD exercise activities (e.g., WSi, WLA).

Stakeholders involved include EPA HQ (Office of Water, Office of Emergency Management), the Department of Health and Human Services (HHS), the Water Laboratory Alliance, one or more WARN networks, EPA Regional Water Teams, EPA On-Scene Coordinators, US Army Corps of Engineers (HQ and Districts), FEMA (HQ and Regions), State primacy, permitting authority, and emergency management agencies, water and wastewater associations, Water ISAC and water and wastewater utilities. Issues to explore are to be determined but may include any of the following: disaster declaration; preliminary damage assessment; activation of local or state mutual aid and assistance such as WARN, EMAC and Regional capabilities; national level reporting; resource management, request for assistance, mission assignment, and subtasking procedures; sampling and laboratory analysis; Incident Command System structures; data management; and cross-sector interdependencies.

The contractor shall support the continued development of these exercises by performing the following activities, as directed:

1. Continuing to develop background materials for review by the exercise design team
2. Providing guidance to the exercise design team on exercise options
3. Facilitating and taking notes at exercise design team meetings
4. Developing exercise materials including information sheets, briefings, timelines, situation manuals, exercise plans, and job aids
5. Facilitating the exercises and conducting the Hot Washes
6. Developing After Action Reports for exercise participants

#### Past Exercise Follow-up

The contractor will also provide support to planning teams from the past state exercises mentioned above. Support could include the following:

1. Convening Exercise Planning Teams (EPTs) for a "where are we now" meeting;
2. Working with EPTs to determine which actions from their Improvement Planning Matrices remain to be addressed and develop plans for addressing them;
3. Leveraging the latest fact sheets, consolidate lists of resources that can help the states accomplish their action items. Resources cover topics such as power requirements, temporary water systems, and a checklist for utilities to use when coordinating with their local Emergency Management Agencies (EMAs).
4. Leveraging materials from Fed FUNDS, helping state agencies develop or refine existing water sector-specific Damage Assessment forms.



5. Helping state agencies to develop or refine existing pre-identified resource requests / FEMA Action Request Forms.

#### ASDWA Security Committee Support

The contractor will provide support to EPA in working with the ASDWA Security Committee to develop products to increase the level of preparedness among State primacy agencies. Possible products include an emergency contacts/checklist for state primacy agencies, and a guide to developing a water sector exercise with varied stakeholders. The contractor should assume a level of effort associated with development of one fact sheet and one webinar.

The contractor may be tasked, through technical direction, with providing support for examining the following potential outcomes and metrics related to this project area:

- Completion of state exercises
- Number of drinking water/wastewater utilities trained per year
- Number of actions on Improvement Planning Matrices that are addressed
- Number of activities performed to support State agencies, such as development of a coordination planning guide
- Real world water sector responses that involved state support
  
- For estimating purposes, it is anticipated that this subtask will require up to two contractor staff to make four trips of two days each (a two-day planning trip and a two-day exercise trip, for each of the two exercises). The preparation of outreach and training materials for the two planned state exercises should be assumed to be similar in scope to those prepared for previous exercises.

#### *Subtask 1d National Exercises*

National-level exercises allow entities to practice a functional approach to managing a major incident under the National Response Framework (NRF) and National Disaster Recovery Framework (NDRF). The U.S. Department of Homeland Security (DHS) sponsors periodic national exercises to test the nation's ability to respond to various man-made (i.e. terrorism) and natural disasters.

As of June 2012, FEMA Administrator Fugate has indicated that there will not be a major NLE series exercise in FY 2013. Other exercises, however, may call for EPA involvement. Eagle Horizon 2013, Golden Guardian 2013 and RadNet are FEMA/DHS/EPA sponsored exercises. Very little information is currently available about them. The water sector may have a role in these exercises and contractor support may be required, as described in the paragraph below.

The contractor will support the EPA's participation in one or more of these exercises by performing any of the following, to be clarified through technical direction: collecting information on interdependencies between the water and other infrastructure sectors; providing draft objectives specific to the water sector; developing fact sheets or other outreach materials;

and developing exercise injects.

No travel is anticipated for this subtask.

## **Task 2      Mutual Aid and Assistance**

While the practice of mutual aid and assistance has been used extensively by law, fire, and medical responders throughout the United States since the early 1950's, the formal exchange of resources during an emergency between water and wastewater utilities has been limited. To date, there are 48 Water/Wastewater Agency Response Networks (WARNs) in place in the U.S. These WARNs are active in reaching out to their member utilities, providing a preparedness element prior to disaster, and serving as an administrator during response to a disaster, while implementing the process prescribed in a formal agreement. The objectives of this task are to support and promote national emergency preparedness and disaster response via the creation and operational implementation of a mutual aid and assistance program for public and private drinking water and wastewater utilities. Based on direction from the WAM, the contractor may develop outreach materials, facilitate meetings, and provide technical support.

The contractor may be tasked through written technical direction that will include specific detail on the requirements needed to support activities such as:

- Project Coordination, Management, and Requirements - Facilitate meetings with WARN partners to share and gather information, discuss technical and policy challenges, identify goals and objectives, validate efforts, evaluate protocols and develop additional information to support mutual aid/assistance.
- Training and Workshop Support - Support and present at workshops, conferences, and other meetings. This may include development of presentation materials, meeting summaries, and completion of any relevant action-items or follow-up requests from those meetings, as directed by the EPA WAM.
- Facilitation of Tabletop Exercises - Support the facilitation of intrastate and/or interstate WARN Tabletop Exercises to test protocols in accessing intrastate and interstate mutual aid/assistance. In coordination with existing WARNs, 2 contractor staff will facilitate up to 8 tabletop exercises, 8 hours each in length.
- Evaluate Interstate Mutual Aid/Assistance for the Water Sector - Evaluate existing mechanisms for interstate mutual aid, such as EMAC or other mechanisms that could be used by the water sector. The evaluation should identify what gaps exist and what potential solutions exist, such as supplemental interstate agreements or a national agreement.
- WARN Chairs Annual Meeting - Support the annual WARN chairs meeting by developing the agenda, registration website and by supporting travel for participants, in accordance with contractual guidelines. Travel support will be considered for up to 50 participants who provide a necessary role in the meeting.
- WARN Outreach - Develop general WARN outreach through the creation of WARN promotional items to advertise the availability of information on EPA and other websites



about WARN. This support may entail the creation of electronic documents, videos, or other publications with graphics and other brief descriptions of WARN resources.

### **Task 3            Training**

The contractor shall assist in the development of emergency preparedness, response and recovery training for the water sector. The contractor shall use a variety of multimedia platforms for training delivery (e.g., video, interactive online modules). The contractor will also assist in developing assessment materials to ensure learners are benefitting from the materials.

Specific training topics and platforms will be identified by the EPA WAM through technical direction. The contractor will provide support for completing a training gap analysis to identify the needs of the Water Sector, based on materials provided by the EPA WAM. The contractor will also assist in providing support to the training workgroup in ensuring that training for the Division is developed cohesively and coherently. The contractor should plan to provide support for as many as five workgroup meetings.

The contractor shall plan to support the development of as many as 4 additional interactive online training modules, to be hosted on an EPA platform such as the Drinking Water Academy web site. The contractor should also plan to support the development of as many as 2 additional video training modules, to be hosted on an EPA platform such as the Drinking Water Academy web site.

The contractor should also plan to support the integration of all training materials developed into the Division-wide mega-tool, based on technical direction to be provided by the EPA WAM.

No long-distance travel is anticipated for this task.

The contractor may be tasked, through technical direction, with providing support for examining the following potential outcomes and metrics related to this project area:

- Number of training modules and/or videos developed
- Number of drinking water/wastewater utilities trained per year
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For estimating purposes in supporting this task, the contractor shall plan support for five workgroup meetings, 2 interactive on-line training modules, and 1 video training module.

### **Task 4            Recovery and Resiliency**

The following efforts in recovery/disaster funding/resiliency are planned for Option Period 2. Most projects advance the efforts conducted in Option Period 1 and represent logical follow-on activities. The efforts focus on outreach, training, and exercises of disaster funding tools and/or recovery protocols.

The contractor shall support the following efforts to address this need.

#### *Subtask 4a Federal Disaster Funding Tool for Water and Wastewater Utilities*

This effort is split into two subtasks (4a1 and 4a2) for better tracking.

##### *Subtask 4a1 Fed FUNDS Website*

The contractor shall continue to assist in readying the Fed FUNDS files to be placed on the website. This may include responding to any comments from EPA or other entities. Also, once the website is on-line, the contractor will make changes to the website to deal with any immediate issues with the website information or functionality. The contractor will also provide support for a 6 month maintenance of the site to assure the information is current or to improve functionality.

##### *Subtask 4a2 Fed FUNDS Training and Outreach Materials*

Using the Federal Disaster Funding Tool, the contractor shall develop training to support the water sector's understanding and ability to use the website tool and other relevant sources during disasters. The contractor shall conduct a series of three webinars on the tool and the various Federal disaster funding programs. The audience of the different webinars may include utilities, state agencies, and EPA Regional Water Teams. The contractor may also develop training materials that involve staff from FEMA, USDA, EPA, HUD, and/or SBA. The contractor will also develop text on recovery and disaster funding for up to 5 newsletters from various associations and organizations. In addition, the contractor will attend up to 2 conferences to present on the disaster funding tool.

With the anticipated release of Fed FUNDS, the next step is outreach and training during the remaining months of FY12 and into FY13. FEMA, an active participant in developing Fed FUNDS, has committed to coordinated outreach efforts with EPA in both FY12 and FY13. During Option Period 2, various outreach/training methods are envisioned including workshops, webinars, and published journal articles. Also, the contractor will assist with efforts to modify Fed FUNDS and the associated training to be compatible with the WSD mega tool that is anticipated to unify training on WSD products, tools, and resources, based on technical direction to be provided by the EPA WAM.

Workshops. After hearing about the Region 3 Pilot Workshop on Federal Disaster Funding, EPA Regions 2, 7, and 9 (e.g., through CA/NV AWWA) have expressed strong interest in a similar Fed FUNDS Workshop. For Option Period 2, the contractor shall assist EPA in conducting as many as three Fed FUNDS workshops in other interested EPA Regions. One of the workshops will be at the CA-NV AWWA fall conference. For all workshops, the Fed FUNDS materials will be modified appropriately and the contractor will assist with logistical arrangements and working with EPA HQ and Regional staff. The contractor will provide up to 2 staff members for each workshop. One experienced facilitator will be the lead instructor, and one support contractor staff will assist with administrative items. Both instructors will be trained in ICS and NIMS, have familiarity with key water sector topics, training instructor experience, and a working knowledge of the FEMA PA Program. The contractor shall be responsible for the

following:

- Developing a fact sheet to help advertise the training
- Identifying locations in accordance with Agency procedures, preferably at no charge to EPA, in collaboration with the EPA WAM and stakeholders
- Conducting registration and providing weekly updates on the number of registered attendees
- Providing a report on each workshop, including the attendee list and participant feedback
- Making adjustments to the training as feedback is received

Travel will be required for the workshops. For planning purposes, the contractor will assume 2 contractor staff will travel for two days for each workshop. The contractor shall provide audio-visual equipment for these trainings, if requested by the EPA WAM. Participant materials will be printed and copied for up to 40 people at each workshop.

Webinars. Outreach efforts also include a webinar series on federal disaster funding to reach a wider audience. The proposed webinar series would include interactive sessions on Fed FUNDS. As many as three webinars would take place in this next option year. FEMA will be a participant in these webinars. Examples of the possible 1-hour webinars include:

- Overview of Federal Disaster Funding. Covers EPA brochures (Public Assistance and Reimbursement Tips) and demonstration of Fed FUNDS
- Hands-on use of Fed FUNDS. Devise training for webinar to provide interactive hands on training (e.g., answer questions during webinar)
- FEMA Public Assistance (PA). FEMA and EPA staff cover information and answer questions specifically on Public Assistance using EPA's Public Assistance brochure/Fed FUNDS Public Assistance tab). This webinar directly addresses a CIPAC priority project recommendation #2 to build awareness on FEMA's PA Program
- Case studies from utilities. Utilities present experience in applying for and obtaining federal disaster funding (utilities may include Portland Water Bureau, Nashville Metro Water, East Valley Water, City of Keene Public Works, DC Water)

The target audiences for the webinars are water/wastewater utilities, State Primacy Agencies, and EPA Regional Water Teams. Outreach will also promote other existing federal disaster funding brochures including EPA's Public Assistance for Water/Wastewater Utilities and Reimbursement Tips for Water/Wastewater Utilities.

Journal Articles. Because travel funds to conferences are limited, EPA plans to widely publicize Fed FUNDS to utilities through journal articles. During the option year, as many as five articles are planned. Publications from the following organizations are targeted: APWA, AWWA Journal, AWWA Opflow, ASDWA blog, WEF, NRW, and RCAP. Several organizations have already identified interest in this, such as the AWWA Journal requesting an article on Fed FUNDS.

Video. The contractor will develop a video focusing on the use of Fed FUNDS and disaster

funding. The video will be produced to be uploaded to the EPA website in accordance with EPA web video standards/requirements. The video could include footage demonstrating how Fed FUNDS works (screens with clicking) as well as interviews with EPA/FEMA/utilities. As part of this task, the contractor will build on efforts in the previous option year and complete the video outline, storyboard, and content for the video leveraging topics covered in the Fed FUNDS workshop. Initial storyboarding and some raw footage will be taken early in Option Period 2. The video will not exceed 5 minutes in length.

Conferences. The contractor will identify conferences, draft abstracts (as needed), and draft presentations for as many as two conferences on Fed FUNDS. A tentative list of conferences to target includes:

- AWWA Water Security Congress (September, 2012)
- New England Water Works Association (September, 2012)
- Texas American Water Works Association (TBD)

For planning purposes, the contractor shall assume one contractor staff will travel for two days for each of two conferences. The contractor will provide audio-visual equipment including a laptop computer, if requested by the EPA WAM. Per EPA WAM instruction, presentation for the first conference (referred to as the “base abstract and base presentation”) will be used as a baseline for developing the presentation for the second conference.

#### *Subtask 4b National Disaster Recovery Framework Efforts for Water Sector*

This effort is split into two subtasks (4b1 and 4b2) for better tracking.

##### *Subtask 4b1 NDRF and PPD-8 Support*

The contractor shall provide technical and logistical support to national efforts on recovery including the development/implementation of the National Disaster Recovery Framework (NDRF). The support could include development of training and/or presentation materials on the NDRF and the associated Infrastructure Systems (IS) Recovery Support Function (RSF) Annex. Specifically, the contractor will develop training for the EPA Regional Water Teams that addresses the recovery phase, particularly possible responsibilities under the NDRF including damage assessment, project cost estimation, coordination with other agencies through the NDRF and IS RSC, and basis to prioritize recovery projects. The contractor shall provide support for development of an Infrastructure Systems RSF and accompanying Operational Plans. In addition, the contractor will support as needed on water sector implementation of Presidential Policy Directive-8 on National Preparedness.

##### *Subtask 4b2 Recovery/Mitigation Issues Meeting and Infrastructure Recovery Workshop Exercise*

The contractor will provide meeting support to the EPA Task Manager for as many as four teleconferences with the Recovery Focus Group. Meeting support will include: developing a list of recovery topics to discuss, participation of one contractor staff in the meeting, taking notes,

and developing a meeting summary. The meeting would be used to help refine water sector issues and efforts mentioned on recovery/mitigation in a later subtask.

During Option Period 2, the EPA Task Manager is planning to conduct an Infrastructure Recovery Workshop Exercise focusing on federal roles. The contractor will build on any efforts to develop the exercise in the previous option year. The contractor will continue planning for the recovery workshop exercise including conducting planning meetings, and working on materials development and initial logistics. Our USACE recovery contacts are supportive of conducting this type of workshop, but need to obtain additional approvals from USACE management. The workshop will be based on a model similar to that used for the EPA/USACE ESF #3 workshops discussed in Task 1, but instead will focus on recovery. Specifically, it would address the coordination of federal agency efforts in the recovery of interdependent sectors (e.g., water, energy, and transportation).

The newly published National Disaster Recovery Framework (NDRF) and Infrastructure Systems (IS) Annex would form the basis of the workshop discussions. Participants would include the USACE (IS Coordinating Agency), DOE (Primary Agency for energy sector), DOT (Primary Agency for transportation sector), EPA (Secondary Agency for water sector), and selected state officials involved in infrastructure recovery. EPA would be represented by EPA WSD Headquarters staff along with EPA Regional Water Team staff that may be involved in response/recovery efforts. Such a group of federal representatives (USACE/DOE/DOT/EPA) has already worked together during the last year in developing the Infrastructure Systems Annex. The Workshop would involve facilitated discussions on various scenarios and would occur over one to two days. Two of these infrastructure recovery workshops are planned in different parts of the country so that different regional players will be involved. For the purpose of the cost estimate, the contractor should assume that these will take place in Dallas, TX and Atlanta, GA. The workshops will assist participants in coordinating on recovery, developing an integrated infrastructure recovery plan (required in IS Annex), and developing federal to federal and federal to state relationships on infrastructure recovery.

#### *Subtask 4c Recovery Communications Products for Water Sector*

The contractor will complete any changes to the draft text completed in Option Period 1 for the WSD Grants & Funding webpage and Recovery webpage. The draft text for the webpages will not exceed five pages in length and contain links to Fed FUNDS, various EPA disaster funding publications, as well as Fed FUNDS webinars and videos. The contractor will work with the EPA OW IT staff to ensure the webpages are in accordance with EPA standards and styles.

#### *Subtask 4d Mitigation and Damage Assessments for the Water Sector*

Mitigation. The contractor will support EPA in convening an initial meeting with the FEMA Hazard Mitigation Office. The contractor will meet with EPA and FEMA staff and develop pre-meeting materials. Meeting support includes developing an agenda, participation of one contractor staff in the meeting, taking notes, and developing a meeting summary. The meeting

will explore the development of a Water Sector Hazard Mitigation Summit to be held in FY13. For costing purposes, the initial meeting and Summit will be local to the Washington D.C. metropolitan area and will not require room rental. The EPA WAM will determine if there is a need to develop an EPA white paper/fact sheet on mitigation and the water sector in advance of the Summit. The contractor would begin planning for the Mitigation Summit by working on materials development and initial logistics.

Damage Assessment. Building on the efforts in Option Period 1, the contractor will develop a damage assessment white paper focusing on damage assessments conducted by utilities and not focus on damage assessments at the state or federal level. The contractor will examine the types of information required to support utility damage assessments from a variety of stakeholders including utilities, states, EPA Regions and HQs in order to identify commonalities and unique features. The contractor will review and summarize the results of a review of damage assessment materials from a variety of potential sources including:

- Local government damage assessment policies/procedures
- County government damage assessment policies/procedures
- State government damage assessment policies/procedures
- Federal government damage assessment policies/procedures, including
  - Fed FUNDS: damage assessment material
  - FEMA: IS-556 Damage Assessment for Public Work (<http://training.fema.gov/EMIWeb/IS/IS556.asp>)
  - FEMA: IS-558 Public Works and Disaster Recovery (<http://training.fema.gov/EMIWeb/IS/IS558.asp>)
  - FEMA: IS-559 - Local Damage Assessment (<http://training.fema.gov/EMIWeb/IS/is559.asp>)
  - FEMA: Standard Operating Procedures for Essential Infrastructure Assessments - Revised Condensed Final Draft, 2009

In the white paper, the contractor will explore the possibility of making the damage assessment process interactive and virtual. The white paper will not exceed five pages in length.

The contractor may be tasked, through technical direction, with providing support for examining the following potential outcomes and metrics related to this project area:

- Completion of the FedFUNDS tool and periodic updates
- Number of drinking water/wastewater utilities trained on FedFUNDS per year
- Number of outreach products and activities completed for FedFUNDS
- Feedback from participants at FedFUNDS workshops and other outreach events
- Number of participants in webinars and number of web hits for FedFUNDS
- Number of activities performed to support Water Sector recovery and mitigation, such as a Mitigation Summit
- Real world water sector responses that involved Federal disaster funding

For estimating purposes, anticipated requirements to support Task 4 are included in each tasking summary for that subtask.

## **Task 5 CIPAC Preparedness and Response Follow Up**

The contractor shall provide support to EPA and the water sector in following up on recommendations from the Critical Infrastructure Partnership Advisory Council (CIPAC) workgroup on priority projects related to water sector preparedness, response, and recovery (ER CIPAC) and recommendations from the Strategic Planning CIPAC workgroup. This support may include the following types of efforts.

### *Subtask 5a*

Support for a training course under development by CDC and FEMA about environmental health issues related to emergency response, referred to as ETHER. Contractor support shall consist of providing review and comments on two draft training modules.

### *Subtask 5b*

Support for a draft fact sheet on ERPs, addressing ER CIPAC recommendation #1, tentatively titled "Updating Water and Wastewater Utility Emergency Response Plans: An All-Hazard Approach". Contractor support shall consist of addressing review comments and preparation of a formatted version of the fact sheet.

### *Subtask 5c*

Support for an ER team planning meeting. The meeting is to discuss a broad range of ER activities, including those in the ER CIPAC and strategic roadmap reports. In addition, the contractor shall identify as many as three potential agenda topics for the meeting.

## **V. SCHEDULE/DELIVERABLES**

Task	Deliverable	Quantity	Due Date
0	Work plan	1	20 days after issuance of work assignment
0	Monthly progress and financial reports.	12	Per contract requirements
1	MOU Fact Sheet	1	To be established by written technical direction
1	Notes from meetings with federal stakeholders	2	To be established by written technical direction
1	ESF #3 MOU training presentation	1	To be established by written technical direction
1	Comments on USACE ESF #3 SOP	1	To be established by written technical direction



1	Notes from Water Teams calls	9	To be established by written technical direction
1	Water Team Web Cast presentations	2	To be established by written technical direction
1	Summary of Water Team capabilities, roles, responsibilities and authorities	1	To be established by written technical direction
1	Meeting notes for State Exercise Design Team calls	10	To be established by written technical direction
1	Situation Manuals for State Exercises	2	To be established by written technical direction
1	Exercise Fact Sheet	2	To be established by written technical direction
1	Exercise Invitation	2	To be established by written technical direction
1	Exercise Registration Web site	2	To be established by written technical direction
1	Exercise after Action report	2	To be established by written technical direction
1	Past Exercise Support – meeting notes	6	To be established by written technical direction
1	Past Exercise Support – action recommendations	3	To be established by written technical direction
1	ASDWA Support – fact sheet	1	To be established by written technical direction
1	ASDWA Support – webinar presentation	1	To be established by written technical direction
1	National Exercises – draft objectives	1	To be established by written technical direction
1	National Exercises – fact sheet	1	To be established by written technical direction
2	Mutual Aid and Assistance	1	To be established by written technical direction
3	Water Sector Preparedness Training Gap Analysis Summary	1	To be established by written technical direction
3	Water Sector Interactive Online Training Courses	2	To be established by written technical direction
3	Water Sector Video Training Modules	1	To be established by written technical direction
3	Training Material Integration into MegaTool	1	To be established by written technical direction.



3	Workgroup Meeting Support	5	To be established by written technical direction
4a1	Fed FUNDS files for website	1	To be established by written technical direction
4a1	Updated version of Fed FUNDS	1	To be established by written technical direction
4a2	FedFUNDS Integration into MegaTool	1	To be established by written technical direction
4a2	Fed FUNDS Webinars	3	To be established by written technical direction
4a2	Fed FUNDS Journal Articles	5	To be established by written technical direction
4a2	Fed FUNDS Conferences	2	To be established by written technical direction
4a2	Fed FUNDS video	1	To be established by written technical direction
4a2	Fed FUNDS Regional Workshops	3	To be established by written technical direction
4b1	Training/Presentation Materials on National Disaster Recovery Framework and PPD-8	1	To be established by written technical direction
4b2	Recovery/Disaster Funding Focus Group Meeting Support	4	To be established by written technical direction
4b2	Documents (e.g., situation manual) and support (e.g., registration site) for federal recovery exercise	1	To be established by written technical direction
4c	WSD Funding and Recovery web pages	1	To be established by written technical direction
4d	Damage Assessment White Paper	1	To be established by written technical direction
4d	Mitigation White Paper	1	To be established by written technical direction
4d	Materials to support Water Sector Mitigation Summit	1	To be established by written technical direction
5a	Review comments on EHTER Modules	2	To be established by written technical direction
5b	Formatted version of ERP fact sheet	1	To be established by written technical direction
5c	Support for ER team meeting	1	To be established by written technical direction

## VI. REPORTING REQUIREMENTS

Monthly Progress Reports (including a progress evaluation discussion)  
Financial Reports  
Project Specific PQAPP (if applicable)

## **VII. GREEN MEETINGS AND CONFERENCES**

The contractor shall follow the provision of EPA prescription 1523.703-1, *Acquisition of environmentally preferable meeting and conference services (May 2007)*, for the use of off-site commercial facilities for an EPA event, whether the event is a meeting, conference, training session, or other purpose. Environmental preferability is defined at FAR 2.101, and shall be used when soliciting quotes or offers for meeting/conference services on behalf of the Agency.

## **VIII. CONFERENCE/MEETING GUIDELINES AND LIMITATIONS**

The contractor shall immediately alert the EPA WAM to any anticipated event under the work assignment which may result in incurring an estimated \$23,000 or more cost, funded by EPA, specific to that event, meeting, training, etc. Those costs would include travel of both prime and consultant personnel, planning and facilitation costs, AV and rental of venue costs, etc. The EPA WAM will then prepare approval internal paperwork for the event and will advise the contractor when appropriate signatures have been obtained. At that point, effort can proceed for the event. If the event is being sponsored by another EPA organization, the organization providing the planning is responsible for the approval.

**QUALITY ASSURANCE SURVEILLANCE PLAN**  
**for the Water Security Division's**  
**Technical, Analytical, and Regulatory Mission Support**  
**Performance Work Statement**

**Quality Assurance Surveillance Plan**

The requirements contained in this work assignment are considered performance-based, focusing on the Agency's desired results and outcomes. The contractor shall be responsible for determining the most effective means by which these requirements will be fulfilled. In order to fulfill the requirements, the contractor shall design innovative processes and systems that can deliver the required services in a manner that will best meet the Agency's performance objectives. This performance-based requirement represents a challenge to the contractor to develop and apply innovative and efficient approaches for achieving results and meeting or exceeding the performance objectives, measures, and standards described below. The Contractor's performance will be reflected in the positive or negative evaluation offered by the Agency in the Contractor Performance Evaluation (CPE) which is evaluated annually (per the "Contractor Performance Evaluation" clause in the contract). The Work Assignment Manager shall submit a complete annual review of the areas outlined in the Quality Assurance Surveillance Plan (QASP), included in the contract, which will then be utilized by the Project Officer in preparing the overall evaluations submitted annually in response to the Contractor Performance Evaluation requirements in the contract.

General Management and Administration			
Performance Requirement	Measurable Performance Standards	Surveillance Methods	Incentives/Disincentives
<b>Management and Communications:</b> The Contractor shall maintain contact with the EPA CO, PO and WAM throughout the performance of the contract and shall immediately bring potential problems to the attention of the appropriate EPA WAM. In cases where issues have a direct impact on project schedules or cost, the contractor shall provide options for EPA's consideration on resolving or mitigating the impacts.	Any issues that impact project schedules or cost shall be brought to the attention of the appropriate EPA WAM within 3 business days of occurrence.	100% of active work assignments under the contract will be reviewed by the EPA WAM monthly (via monthly progress report) to identify unreported issues. The EPA WAM will report any issues to the EPA PO who will bring the issue(s) to the Contractor's attention through the CO.	<b>Unsatisfactory</b> rating under the category of Business Relations in the NIH Performance Evaluation System if two or more incidents occur during an applicable period of performance when the contractor does not meet the measurable performance standards for a given contract period.

<p><b>Timeliness:</b> Services and deliverables shall be in accordance with schedules stated in each work assignment or tasking document, unless amended or modified by an approved EPA action.</p>	<p>During any period of performance, 90% of all submitted deliverables shall be submitted no later than 5 business days past the due date.</p>	<p>100% of active work assignments under the contract will be reviewed by the EPA WAM monthly (via monthly progress report &amp; milestones established for each deliverable) to compare actual delivery dates against those approved. The EPA WAM will report any issues to the EPA PO who will bring the issue(s) to the Contractor's attention through the CO.</p>	<p><b>Unsatisfactory</b> rating under the category of Timeliness in the NIH Performance Evaluation System when the contractor does not meet the measurable performance standards during an applicable period of performance.</p>
<p><b>Cost Management and Control:</b> The Contractor shall monitor, track and accurately report level of effort, labor cost, other direct cost and fee expenditures to EPA through progress reports and approved special reporting requirements.</p> <p>The Contractor shall assign appropriately leveled and skilled personnel to all tasks, practice and encourage time management, and ensure accurate and appropriate time keeping.</p>	<p>The contractor shall manage costs to the level of approved ceiling on the work assignment. The contractor shall notify the WAM/PO when 75% of the approved funding ceiling for the work assignment is reached.</p>	<p>The EPA PO will routinely meet with the Contractor's Project Manager to discuss the work progress and contract and individual work assignment expenditures. The EPA PO shall review the Contractor's monthly progress reports and request the WAMs verification of expenditures and technical progress before authorizing invoice payments.</p>	<p><b>Unsatisfactory</b> rating under the category of Cost Control in the NIH Performance Evaluation System when the contractor does not meet the measurable performance standards during an applicable period of performance.</p>

<p><b>Technical Effort:</b> The analyses or products developed by the contractor shall be factual and defensible and based on sound science and engineering. All data shall be collected from reputable sources and quality assurance measures shall be conducted in accordance with contract, agency requirements and any additional requirements outlined in individual work assignments or technical directives. Any work requiring the contractor to provide options or recommendations shall include the rationale used in selecting the option/recommendation and all other options and recommendations considered.</p>	<p>All analyses conducted for EPA by the Contractor must be factual and based on sound science and engineering. All analyses and products (initial and final drafts) shall conform in format and content to requirements specified by the WAM in written technical direction, and should meet the objectives stated in the work assignment. All initial draft documents shall be clearly written at a level appropriate to the targeted audience. All information shall be factual, technically sound, and accurate, with data sources identified.</p> <p>Draft versions of a document shall require no more than two editorial revisions.</p>	<p>EPA will review all analyses and work products conducted by the Contractor and will independently consider the merit. EPA may opt to peer review analyses to further validate merit.</p> <p>The EPA WAM/TM (Task Manager) will review initial drafts to assess technical accuracy and editorial quality. The WAM/TM will identify all inaccuracies and needed edits and corrections to the contractor in the initial review of draft documents.</p>	<p><b>Unsatisfactory</b> rating under the category of <b>QUALITY OF PRODUCT OR SERVICE</b> in the NIH Performance Evaluation System when the contractor does not meet the measurable performance standards during an applicable period of performance, even after review input and follow up discussion by Agency personnel.</p>
<p><b>Socio-Economic Utilization:</b> The Contractor shall assess all agency requirements outlined in work assignments for opportunities to fully utilize the knowledge and experience of its socio-economic team members. Work shall be allocated in a manner that ensures the Contractor's annual subcontracting goals are met.</p>	<p>The Contractor shall meet a standard of at least 80% of the dollar goals outlined in their subcontracting plan during each period of performance, unless Agency priorities prevent or preclude such tasking.</p>	<p>EPA will monitor the contractor's utilization of socio-economic firms by reviewing the contractor's submittal of Standard Forms (SF) 294 and (SF) 295.</p>	<p>If less than 80% is reached during an applicable period of performance, the contractor shall outline the steps that will be taken to meet the annual goals outlined in their plan, or provide justification as to the rationale for the lack of meeting the subcontracting plan goals. Performance that does not meet the stated goals without sufficient justification will be reported as an <b>Unsatisfactory</b> rating under the category of <b>BUSINESS RELATIONS, and MEETING SDB SUBCONTRACTING REQUIREMENTS</b> in the NIH Performance Evaluation System.</p>





Work Assignment Form. (WebForms v1.0)



<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>						Work Assignment Number 2-03				
						<input type="checkbox"/> Other <input checked="" type="checkbox"/> Amendment Number: 000002				
Contract Number EP-C-10-060			Contract Period 11/30/2010 To 07/31/2013			Title of Work Assignment/SF Site Name				
			Base                      Option Period Number    2			Water Sector ER				
Contractor COMPUTER SCIENCES CORPORATION					Specify Section and paragraph of Contract SOW 2.1, 2.2, 2.3					
Purpose: <input type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval					Period of Performance  From 08/01/2012 To 07/31/2013					
Comments: This action increases incremental funding on the work assignment by an amount of \$100,000 to a new funded ceiling of \$523,670. Labor ceilings are increased to an amount of 4,868 technical labor hours and total labor of 5,000 hours.										
<input type="checkbox"/> Superfund                      Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period:		Cost/Fee:				LOE: 0				
11/30/2010 To 07/31/2013										
This Action:						7,575				
Total:						7,575				
Work Plan / Cost Estimate Approvals										
Contractor WP Dated:				Cost/Fee:		LOE:				
Cumulative Approved:				Cost/Fee:		LOE:				
Work Assignment Manager Name Kevin Tingley						Branch/Mail Code:				
						Phone Number 202-564-4619				
						FAX Number:				
_____ (Signature)                      (Date)										
Project Officer Name Nancy Muzzy						Branch/Mail Code:				
						Phone Number: 513-569-7864				
						FAX Number:				
_____ (Signature)                      (Date)										
Other Agency Official Name						Branch/Mail Code:				
						Phone Number:				
						FAX Number:				
_____ (Signature)                      (Date)										
Contracting Official Name Cathy Basu						Branch/Mail Code:				
						Phone Number: 513-487-2042				
						FAX Number:				
_____ (Signature)                      (Date)										

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>						Work Assignment Number 2-03				
						<input type="checkbox"/> Other <input checked="" type="checkbox"/> Amendment Number: 000003				
Contract Number EP-C-10-060			Contract Period   11/30/2010   To   07/31/2013			Title of Work Assignment/SF Site Name				
			Base                      Option Period Number       2			Emergency Response				
Contractor COMPUTER SCIENCES CORPORATION					Specify Section and paragraph of Contract SOW 2.1, 2.2, 2.3					
Purpose: <input type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval					Period of Performance  From   08/01/2012   To   07/31/2013					
Comments: This action establishes a new WAM as Brian Pickard (202-564-0827) and changes the Alt WAM to Kevin Tingley (202-564-4619). Brian also becomes task manager on Task 5.										
<input type="checkbox"/> Superfund    Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period:		Cost/Fee:				LOE:				
11/30/2010   To   07/31/2013										
This Action:										
Total:										
Work Plan / Cost Estimate Approvals										
Contractor WP Dated:				Cost/Fee:			LOE:			
Cumulative Approved:				Cost/Fee:			LOE:			
Work Assignment Manager Name   Brian Pickard							Branch/Mail Code:			
_____ (Signature)    (Date)							Phone Number   202-564-0827			
							FAX Number:			
Project Officer Name   Nancy Muzzy							Branch/Mail Code:			
_____ (Signature)    (Date)							Phone Number: 513-569-7864			
							FAX Number:			
Other Agency Official Name							Branch/Mail Code:			
_____ (Signature)    (Date)							Phone Number:			
							FAX Number:			
Contracting Official Name   Cathy Basu							Branch/Mail Code:			
_____ (Signature)    (Date)							Phone Number: 513-487-2042			
							FAX Number:			

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>						Work Assignment Number 2-03				
						<input type="checkbox"/> Other <input checked="" type="checkbox"/> Amendment Number: 000004				
Contract Number EP-C-10-060			Contract Period 11/30/2010 To 07/31/2014			Title of Work Assignment/SF Site Name				
			Base                      Option Period Number      2			Water Sector ER				
Contractor COMPUTER SCIENCES CORPORATION					Specify Section and paragraph of Contract SOW 2.1, 2.2, 2.3					
Purpose: <input type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval					Period of Performance  From 08/01/2012 To 07/31/2013					
Comments: This action allocates additional incremental funding to the work assignment by an amount of \$101,330, increasing the CPFF ceiling to \$625,000 and the LOE to 5800 technical hours, and 6000 total LOE.										
<input type="checkbox"/> Superfund                      Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period:		Cost/Fee:			LOE:					
11/30/2010 To 07/31/2014										
This Action:										
Total:										
Work Plan / Cost Estimate Approvals										
Contractor WP Dated:				Cost/Fee:			LOE:			
Cumulative Approved:				Cost/Fee:			LOE:			
Work Assignment Manager Name    Brian Pickard							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number    202-564-0827			
							FAX Number:			
Project Officer Name    Nancy Muzzy							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number: 513-569-7864			
							FAX Number:			
Other Agency Official Name							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number:			
							FAX Number:			
Contracting Official Name    Cathy Basu							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number: 513-487-2042			
							FAX Number:			

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>						Work Assignment Number 2-03				
						<input type="checkbox"/> Other <input checked="" type="checkbox"/> Amendment Number: 000005				
Contract Number EP-C-10-060			Contract Period   11/30/2010   To   07/31/2014			Title of Work Assignment/SF Site Name				
			Base                      Option Period Number      2			Water Sect Emergency Response				
Contractor COMPUTER SCIENCES CORPORATION					Specify Section and paragraph of Contract SOW 2.1, 2.2, 2.3					
Purpose: <input type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval					Period of Performance  From   08/01/2012   To   07/31/2013					
Comments: The purpose of this action is to increase allocated incremental funding in an amount of \$125,000, which increases the CPFF ceiling to an amount of \$750,000 and the technical hours from 5800 to an amount of 6950 technical hours.										
<input type="checkbox"/> Superfund    Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period:		Cost/Fee:			LOE:					
11/30/2010   To   07/31/2014										
This Action:										
Total:										
Work Plan / Cost Estimate Approvals										
Contractor WP Dated:				Cost/Fee:			LOE:			
Cumulative Approved:				Cost/Fee:			LOE:			
Work Assignment Manager Name   Brian Pickard							Branch/Mail Code:			
							Phone Number   202-564-0827			
_____ (Signature)    (Date)							FAX Number:			
Project Officer Name   Nancy Muzzy							Branch/Mail Code:			
							Phone Number:   513-569-7864			
_____ (Signature)    (Date)							FAX Number:			
Other Agency Official Name							Branch/Mail Code:			
							Phone Number:			
_____ (Signature)    (Date)							FAX Number:			
Contracting Official Name   Cathy Basu							Branch/Mail Code:			
							Phone Number:   513-487-2042			
_____ (Signature)    (Date)							FAX Number:			